



Roadmap to Operational Software-Defined Networks

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ESnet

Berkeley Lab, July 2015

An aerial photograph of the University of California, Berkeley campus. In the foreground, a large, circular building with a brown, segmented dome is prominent. The campus is surrounded by dense green trees. In the background, the city of Berkeley and the San Francisco Bay are visible, with the Golden Gate Bridge and distant hills under a clear blue sky.

WELCOME TO THE BERKELEY LAB

Lawrence introduces
big team science 1931

LBNL the first
National Lab



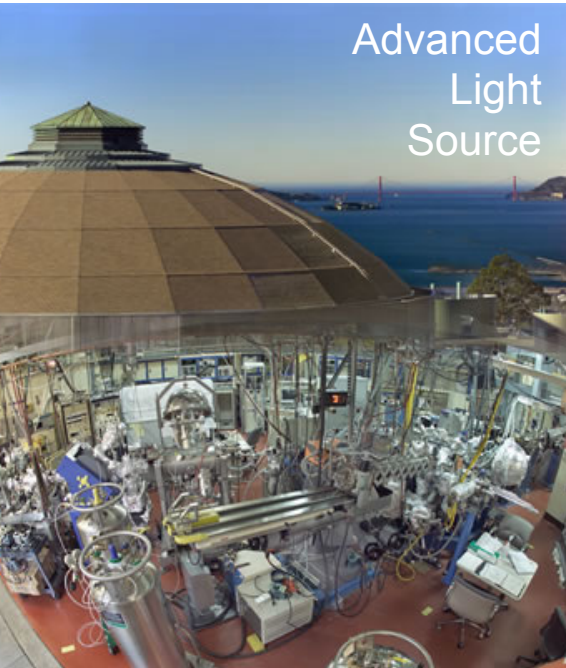
13 Nobel Prizes

- 3200 employees
- \$800M in funding
- 91 in National Academies
- 1000 students
- 250 faculty

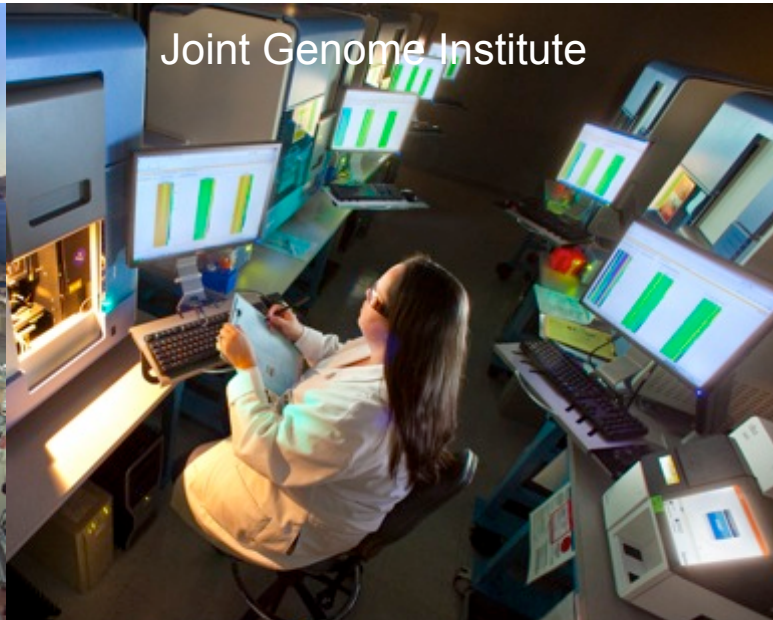
Berkeley Lab's Advanced Facilities

Bringing World-Leading Science Solutions to the People

Advanced
Light
Source



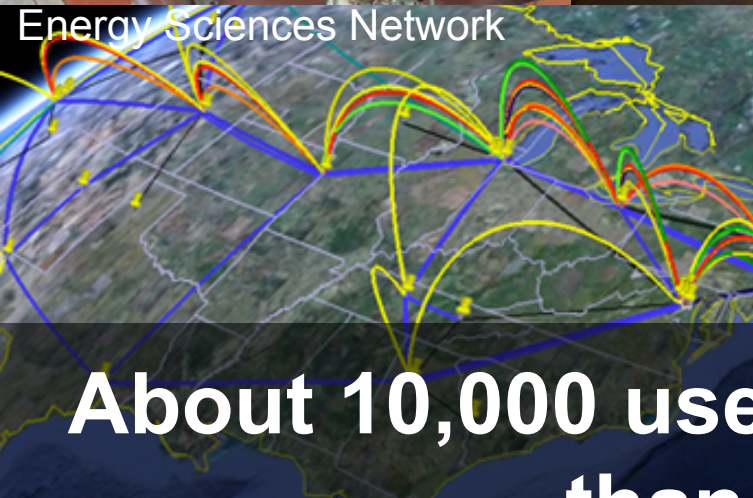
Joint Genome Institute



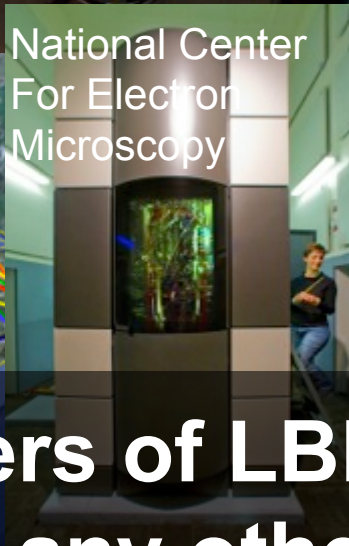
Molecular
Foundry



Energy Sciences Network



National Center
For Electron
Microscopy

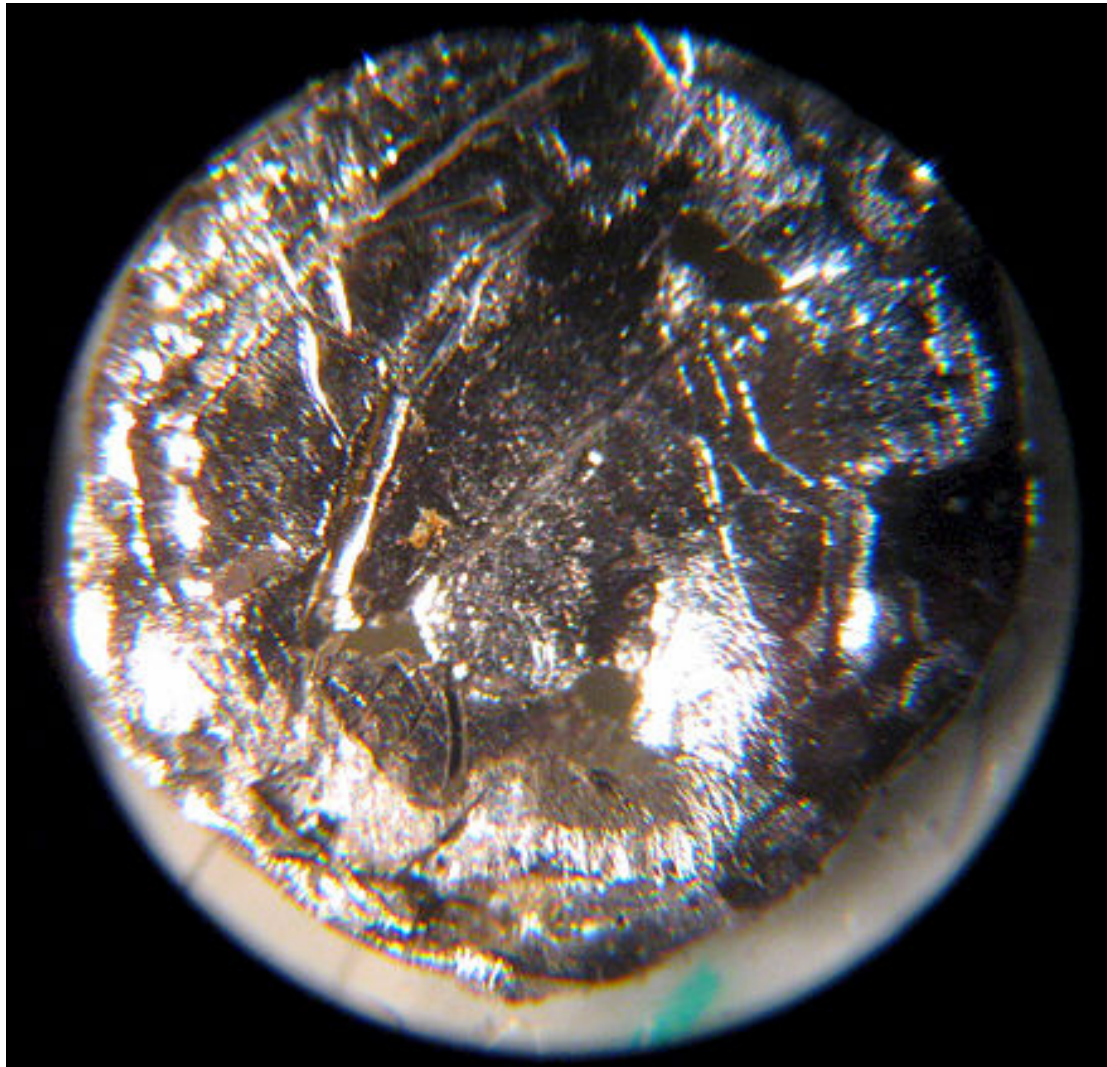


National Energy Research
Supercomputer



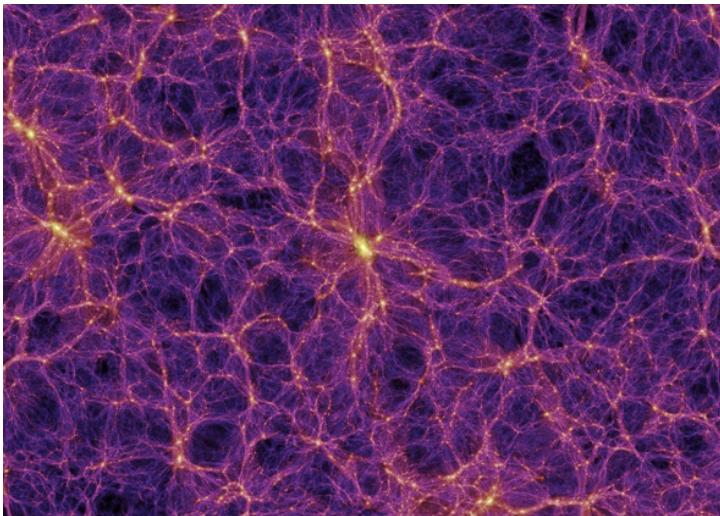
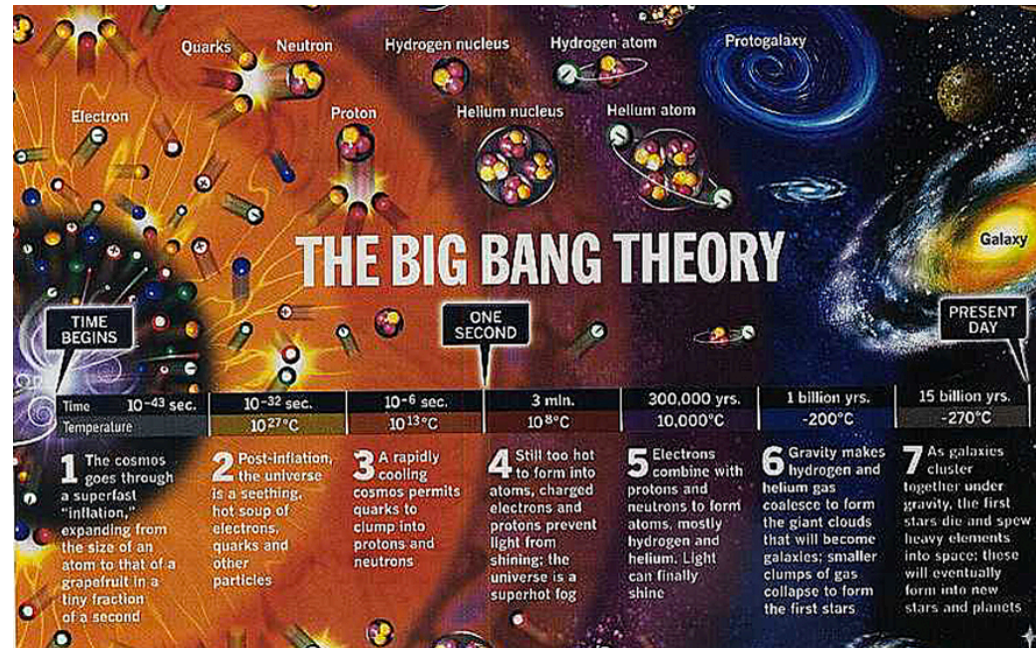
About 10,000 users of LBNL facilities, more than any other Lab

Quick Quiz!



Symbol: Am, Atomic number 95

Quick Quiz!



Confirmed the Big Bang, and discovered dark energy.

Acknowledgements

- Organizers:
 - Eric Boyd, Internet2
 - Grant Miller, NITRD
 - Inder Monga, ESnet
 - Sean Peisert, UC Davis
- Funders
 - Vince Dattoria
 - Bryan Lyles
- ESnet organizing team
 - Kelly Gonzalez
 - Kayla White-Hightower
 - Daniel White
 - Goran Pejovic
- Advisors
 - Greg Bell
 - Rob Vietzke
 - Larry Landweber
 - Chip Elliott
 - Ron Hutchins

Safety and Comfort